

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: May 3, 2004
For Week Ending: May 2, 2004
ND-CW1804

Cooperating With:
NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
ND AG WEATHER NETWORK (NDAWN) and
UND AEROSPACE REGIONAL WEATHER
INFORMATION CENTER

General: Warm, dry weather last week allowed producers to accelerate planting well ahead of the five-year (1999-2003) average, but also depleted soil moisture supplies, according to the North Dakota Agricultural Statistics Service. Windy conditions reported throughout the state also caused a decrease in soil moisture supplies. Topsoil moisture supplies as of May 2 were rated 11 percent very short, 31 short, 55 adequate and 3 surplus compared to last year's 6 percent very short, 18 short, 67 adequate and 9 surplus. On average Statewide, there were 6.7 days suitable for fieldwork. Cool night temperatures slowed emergence of crops and grasses. Calving and lambing season was winding down, and ranchers were beginning to move cattle to pasture.

Crops: Substantial progress was made on both small grain and late season crop planting, ahead of the five-year average, except potatoes. As of May 2, spring wheat was 56 percent planted, while durum was 31 percent, both well ahead of the average and last year. Spring and durum wheat were 21 and 8 percent emerged, respectively. Emergence of spring wheat was more than one week ahead of the five-year average. Thirty-one percent of the corn crop was planted during the week to bring the total to 48 percent, over twice as much as the five-year average.

Livestock: Pasture and other grass development was reported as behind normal due to dry conditions and cool night temperatures. Calving was 91 percent complete compared to 88 percent last year. Lambing was 94 percent complete, and shearing was 96 percent. Range and pastures were rated 75 percent growing compared to 56 percent last week and 81 percent last year. Range and pasture conditions were rated 8 percent very poor, 30 poor, 36 fair, 25 good and 1 excellent. Current supplies of hay and roughage were rated 7 percent very short, 18 short, 70 adequate and 5 surplus. Grain and concentrate supplies were rated 2 percent very short, 10 short, 83 adequate and 5 surplus.

Crop Development Progress ^{1/} May 2, 2004 with Comparisons				
Crop	This Week	Last Week	Last Year	1999-03 Avg.
(Percent)				
BARLEY				
Planted	45	23	35	20
Emerged	12	2	8	4
DURUM WHEAT				
Planted	31	17	20	11
Emerged	8	3	5	2
HRS WHEAT				
Planted	56	32	46	30
Emerged	21	6	16	8
OATS				
Planted	54	27	35	25
Emerged	13	2	8	5
CANOLA				
Planted	28	14	24	19
Emerged	2	0	2	4
CORN, ALL				
Planted	48	17	40	23
Emerged	0	0	1	1
DRY EDIBLE BEANS				
Planted	1	0	0	0
FLAXSEED				
Planted	19	6	11	8
Emerged	1	0	1	0
POTATOES				
Planted	14	6	16	16
Emerged	1	0	1	1
SOYBEANS				
Planted	5	1	6	2
SUGARBEETS				
Planted	87	37	65	50
Emerged	10	3	11	5
SUNFLOWER				
Planted	2	NA	1	0

^{1/} Crop development percents represent all acreage in or beyond each stage. NA = Not Available

Soil Temperatures: Average soil temperatures on May 2 ranged from a low of 43 degrees F in Langdon to a high of 53 degrees in Linton and Watford City. These readings reflect daily average temperatures under 4 inches of bare soil and are recorded by the North Dakota Agricultural Weather Network (NDAWN).

AVERAGE SOIL TEMPERATURES*, May 2, 2004			
Station	Temperature	Station	Temperature
Degrees F		Degrees F	
NORTHWEST		CENTRAL	
Bowbells	46	Carrington	51
Minot	52	Robinson	47
Williston	51	Streeter	47
NORTH CENTRAL		EAST CENTRAL	
Baker	51	Dazey	47
Bottineau	48	Fargo	50
Rolla	48	SOUTHWEST	
NORTHEAST		Bowman	49
Cavalier	50	Dickinson	52
Grand Forks	52	SOUTH CENTRAL	
Langdon	43	Linton	53
WEST CENTRAL		SOUTHEAST	
Turtle Lake	49	Oakes	51
Watford City	53	Wyndmere	48

* Thermometers located 4 inches under bare soil.Source: NDAWN, Department of Soil Science, NDSU.

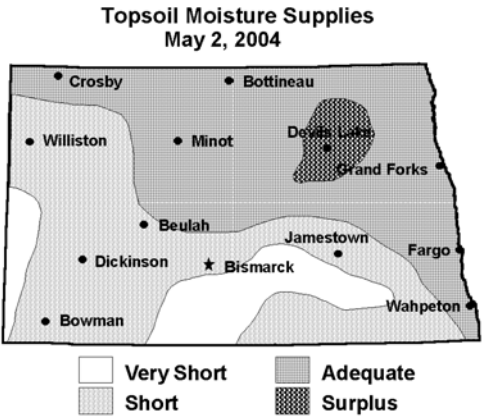
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NORTH DAKOTA CROP WEATHER REPORT, Week Ending May 2, 2004

Soil Moisture: North Dakota, May 2, 2004

Date	Very Short	Short	Adequate	Surplus
(Percent)				
TOPSOIL				
This Week	11	31	55	3
Last Week	8	22	64	6
Last Year	6	18	67	9
1999-03 Avg	2	14	74	10
SUBSOIL				
This Week	11	31	56	2
Last Week	11	30	56	3
Last Year	15	26	55	4
1999-03 Avg	5	15	71	9



Weather: Almost summer-like weather was felt across the state during a few days this past week. Average temperatures were 5 to 10 degrees above normal and besides a few very light showers scattered most everywhere, the state remained mostly dry. The hot spots this past week included Fargo, Oakes and Wyndmere where weekly high temperatures were 90 degrees or higher. But after that blast of summer, more realistic temperatures settled in and brought some chilly weather along as well. Lows in the teens were reported in Hettinger and Hazen while most everywhere else reported weekly low temperatures in the 20s. As mentioned before, very little rain fell across the area with the northern and central zones picking up a few 0.01 of an inch.

Outlook, May 3-9: Another week of warmer temperatures is upon us. Under generally partly cloudy skies, expect high temperatures for the entire period to hover in the comfortable 60s and 70s with lows mainly in the 30s. Some much needed rain could fall from thunderstorms which are possible early this week as well as on Wednesday and again on Friday.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending May 2, 2004

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1		
	Past Week	Depart Normal ^{1/}	Past Week	Total	Depart Normal ^{1/}
(Degrees F) (Inches)					
Northwest (1)	53	7	0.03	0.40	-1.20
N. Central (2)	53	7	0.02	0.47	-1.30
Northeast (3)	52	5	0.01	1.11	-0.36
W. Central (4)	52	5	0.01	0.38	-1.52
Central (5)	54	6	0.03	0.62	-1.19
E. Central (6)	56	7	0.02	0.28	-1.62
Southwest (7)	51	5	0.00	0.59	-1.32
S. Central (8)	55	6	0.00	0.65	-1.31
Southeast (9)	59	10	0.00	0.59	-1.32

^{1/} Normal is the 1961-90 average. NA = Not Available.
Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending May 2, 2004

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1		
	High	Low	Past Week	Total	Depart Normal ^{1/}
(Degrees F) (Inches)					
(1) Bowbells	81	22	0.05	0.57	-0.91
Williston	82	26	0.03	0.24	-1.16
Mohall	83	22	0.04	0.46	-1.12
Minot	83	22	0.00	0.33	-1.65
(2) Baker	82	26	0.02	0.44	-1.58
Bottineau	84	20	0.00	0.46	-1.14
Rugby	86	22	0.05	0.50	-1.18
(3) Cando	83	25	0.06	0.85	-0.37
Cavalier	82	22	0.00	1.66	0.13
Forest River	80	24	0.01	0.77	-0.90
Grand Forks	81	24	0.00	0.20	-1.28
Langdon	78	25	0.01	1.48	0.22
St. Thomas	78	25	0.00	1.70	0.03
(4) Hazen	83	19	0.01	0.57	-1.56
Turtle Lake	82	23	0.01	0.33	-1.61
Watford City	81	26	0.01	0.25	-1.40
(5) Carrington	84	26	0.01	0.75	-1.07
Harvey	84	26	0.03	0.45	-1.19
Jamestown	84	28	0.06	0.70	-0.99
Robinson	82	25	0.04	0.64	-1.18
Streeter	82	24	0.02	0.55	-1.52
(6) Dazey	84	26	0.07	0.49	-1.28
Fargo	90	24	0.00	0.08	-1.85
Hillsboro	86	24	0.00	0.26	-1.72
(7) Beach	80	26	0.00	0.38	-1.32
Bowman	79	24	0.00	0.72	-0.96
Dickinson	81	23	0.01	0.76	-1.34
Hettinger	81	19	0.00	0.50	-1.64
(8) Mandan	83	27	0.00	0.54	-1.29
Linton	85	25	0.00	0.76	-1.33
(9) Edgeley	88	29	0.00	0.66	-1.41
Oakes	90	27	0.00	0.58	-1.55
Wyndmere	92	28	0.00	0.53	-1.01

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